BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05

Agency :Technical manger KRIDL

MEASUREMENT SHEET - 1ST & Final Bill

Measurements Taken On		13/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.85		Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box and as per the directions of the Engineer-in-charge of the work.							
		a) 1-3Way	Each	25				**25.00**	
Item No.86									
		b) 4-5Way	Each	20				**20.00**	
Item No.87									
		c) 6Way	Each	5				**5.00**	
Item No.88									
		d) 8Way	Each	15				**15.00**	
Item No.89									
		e) 10-12Way	Each	10				**10.00**	

Assistant Executive Engineer
Contractor's Representative
Byatarayanapura Sub-Division
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Assistant Engineer,
Project Sub Division,
BBMP, Bangalore

Assistant Executive Engineer,
Project Sub Division,
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05

Agency :Technical manger KRIDL

MEASUREMENT SHEET - 1ST & Final Bill

Measurements Taken On		13/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.90		Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate and as per the directions of the Engineer-in-charge of the work.							
		a) 6Amps one way	Each	52				**52.00**	
Item No.91									
		b) 6Amps 3way socket	Each	4				**4.00**	
Item No.92									
		c) Stepped Fan Regulator	Each	10				**10.00**	
Item No.93									
		d) 16Amps one way switch	Each	6				**6.00**	
Item No.94									
		e) 6/16Amps universal socket	Each	6				**6.00**	
Item No.95									
		f) TV/Telephone socket	Each	1				**1.00**	

Contractor's Representative

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Project Sub Division,
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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05

Agency :Technical manger KRIDL

MEASUREMENT SHEET - 1ST & Final Bill

Measurements Taken On		16/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.96		supplying and wiring adopting loop system in existing PVC conduit / casing capping using 1100 v grade , copper conductor flexible multistrand FRLS PVC insulated, 2 x1.5sq.mm cable confirming to the GTP, without switch, the other end of the wires shall be terminated with sufficient loose length in a wood /PVC cound block and as per the directions of the Engineer-in-charge of the work.							
		a) Short point up to 3Mtr from tapping point to out let via switch box	Each	12				**12.00**	
Item No.97									
		b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch box	Each	40				**40.00**	
Item No.98									
		c) Long point above 6Mtr up to 10Mtr from tapping point to out let via switch box	Each	12				**12.00**	
Item No.99									
		d) Two Outlet in a row, above 3.0M unto 6.0M from tapping point to outlet via switch box.	Each	5				**5.00**	
Item No.100									
		e) Three Outlet in a row, above 6.0M unto 10.0M from tapping point to outlet via switch box.	Each	2				**2.00**	

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BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		15/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.101		Supplying and fixing metal Fan box with Round Hook and as per the directions of the Engineer-in-charge of the work.							
			Each	12				12.00	

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15/11/2018

BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		16/11/18							
Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.102		supplying and wiring adopting loop system in existing PVC conduit / casing capping using 1100 v grade , copper conductor flexible multistrand FRLS PVC insulated, 2 x1.5sq.mm cable confirming to the GTP, without switch, the other end of the wires shall be terminated with sufficient loose length in a wood /PVC cound block and as per the directions of the Engineer-in-charge of the work.							
		a) 1.5 sqmm	Mtr	200				**200.00**	
Item No.103									
		b) 2.5 sqmm	Mtr	350				**350.00**	
Item No.104									
		c) 25mm dia 2mm thick	Mtr	120				**120.00**	
Item No.105									
		d) 6 sqmm	Mtr	50				**50.00**	
Item No.106									
		e) 10 sqmm	Mtr	20				**20.00**	

Contractor's Representative

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16/11/2018

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05

Agency :Technical manger KRIDL

MEASUREMENT SHEET - 1ST & Final Bill

Measurements Taken On		16/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.107		Supplying and fixing regular MCB distribution boards on wall/wood board/flush mountin using required clamps, bolts, nuts with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with powder coated painting and as per the directions of the Engineer-in-charge of the work.							
		Double door							
		a) 4 way TP & N	Mtr	1					
Item No.108								**1.00**	
		b) 6 way TP & N	Mtr	1					
Item No.109								**1.00**	
		b) 12 way SP & N	Mtr	1					
								1.00	

Contractor's Representative

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BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05

Agency :Technical manger KRIDL

MEASUREMENT SHEET - 1ST & Final Bill

Measurements Taken On		16/01/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.110		Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required and as per the directions of the Engineer-in-charge of the work.							
		a) 5-32Amps SP	Each	10					
Item No.111								**10.00**	
		b) 5-32Amps TPN	Each	2					
Item No.112								**2.00**	
		c) 40-63Amps TPN	Each	2					
								2.00	

Contractor's Representative

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BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		17/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.113		Supplying, fixing and wiring eaarth Earth Leakage Miniature Circuit Breaker [ELMCB] 240/250V upto 300mA sensitivity on existing wood/panel board and as per the directions of the Engineer-in-charge of the work.							
		a) 16-25Amps 2Pole	Each	1				**1.00**	
Item No.114									
		b) 32-40Amps 4Pole	Each	1				**1.00**	

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BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		12/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.115		Fabricating supplying and mounting MS box made out ...SWG suitable for floor I wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc and as per the directions of the Engineer-in-charge of the work.							
		14 SWG	Sqcm	8500				8500.00	

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05

Agency :Technical manger KRIDL

MEASUREMENT SHEET - 1ST & Final Bill

Measurements Taken On		17/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.116		Supplying .....amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenoliciFRP/DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification and as per the directions of the Engineer-in-charge of the work.							
		100Amps 4x30x6mm Aluminum Strips	Mtr	1				1.00	

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BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		17/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.117		Supplying fixing angle iron frame work fabricated out of M.S angle iron .. And m.S flat…. With bolts, washers etc., and painted with two coats of red oxide and then two coats of approved paint and as per the directions of the Engineer-in-charge of the work.							
		a) 40x40x6 mm	Mtr	3				3.00	
Item No.118									
		b) 50x100x50x6 mm	Mtr	3				3.00	

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19/11/18

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BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		19/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.119		Supplying and fixing Moulded Case Circuit Breaker (MCCB) .over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault and as per the directions of the Engineer-in-charge of the work							
		FOUR POLE 100Amps 25kA	Each	1				1.00	

Contractor's Representative

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05

Agency :Technical manger KRIDL

MEASUREMENT SHEET - 1ST & Final Bill

Measurements Taken On		19/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.120		Supplying of multi function degital meter with three line backlight LCD type display for voltage , current frequency, power, power factor, KVA, KWH,KVAR suitable for 3 phase, 4 wire LT network with IP 54degree of protection and completely wired as required with communication port and class 0.5s accuracy and as per the directions of the Engineer-in-charge of the work.							
		FOUR POLE 100Amps 25kA	Each	1				1.00	

Contractor's Representative

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Basaveshwaranagara Sub-Division
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BBMP, Bangalore

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Project Sub Division,
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		20/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.121		Supplying, fixing and wiring 0 to 600Volts 96x96mm AC Voltmeter on existing panel/wood board and as per the directions of the Engineer-in-charge of the work.							
			Each	1				1.00	

Contractor's Representative

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BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05

Agency :Technical manger KRIDL

MEASUREMENT SHEET - 1ST & Final Bill

Measurements Taken On		20/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.122		Supplying, fixing and wiring 50/5 to 400/5Amps 5VA burden Current Transformer. Class 0.5 accuracy with Tape and as per the directions of the Engineer-in-charge of the work.							
			Each	1				1.00	

Assistant Executive Engineer
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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05

Agency :Technical manger KRIDL

MEASUREMENT SHEET - 1ST & Final Bill

Measurements Taken On		20/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.123		Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C and as per the directions of the Engineer-in-charge of the work.							
			Each	3				3.00	

Contractors Executive Engineer
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BBMP, Bangalore
20/11/2018

BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		20/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.124		Supplying of on load change over switches 4 poles, AC-23A Duty, 415V, 50Hz, AC Supply and as per the directions of the Engineer-in-charge of the work.							
			Each	1				1.00	

Contractor's Representative

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20/11/2018

BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05									
Agency :Technical manger KRIDL									
MEASUREMENT SHEET - 1ST & Final Bill									
Measurements Taken On		20/11/18							
Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.125		Supplying of on load change over switches 4 poles, AC-23A Duty, 415V, 50Hz, AC Supply and as per the directions of the Engineer-in-charge of the work.							
		a) 3.5 core 50 sqmm	Mtr	30				**30.00**	
						Limitted to		**18.00**	
Item No.126									
		b) 4 core 16 sqmm	Mtr	50				**50.00**	
						Limitted to		**25.00**	

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF Dr. B.R.AMBEDKAR BHAVAN IN KOGILU LAYOUT IN WARD No. 05

Agency :Technical manger KRIDL

MEASUREMENT SHEET - 1ST & Final Bill

Measurements Taken On		20/11/18							
Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.127		Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required and as per the directions of the Engineer-in-charge of the work.							
		a) 25 sqmm to 75 sqmm	Mtr	30				**30.00**	
Item No.128									
		b) 6 sqmm 16 Sqmm	Mtr	50				**50.00**	

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20/11/18